

ABSTRACT OF DISCLOSURE

A common-mode filter comprising: a drum type core 10 including a core portion 11, and quadrangular flange portions 12; electrodes 20 provided on the flange portions 12 of the drum type core 10; and a pair of wires 1 and 2 wound on the core portion 11 of the drum type core 10 and having ends connected to the electrodes 20 respectively, wherein: each of the flange portions 12 has a groove 15 between corresponding two of the electrodes 20, and a separation protrusion 16 for separating the groove 15 into two lead-out groove portions 17a and 17b; the wires 1 and 2 are wound on the core portion 11 of the drum type core 10 in such a distributed winding manner that an inter-wire distance (a) between the wires 1 and 2 and a winding pitch (b) between adjacent turns in each of the wires 1 and 2 are provided; and the wires 1 and 2 are one-by-one led out through the lead-out groove portions 17a and 17b while separated by the separation protrusions 16 so that the ends of the wires 1 and 2 are connected to the electrodes 20 respectively.

[Selected Drawing] Fig. 1